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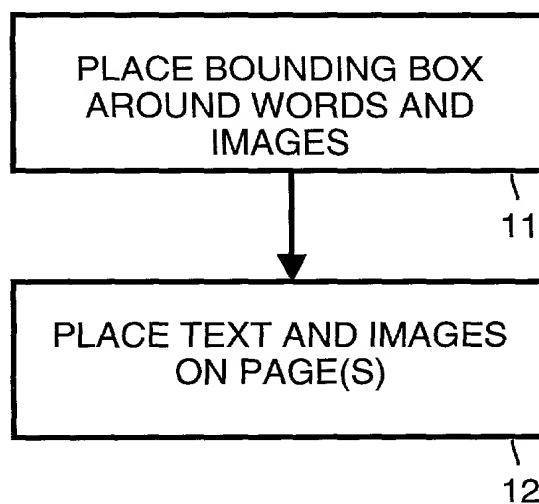


FIGURE 1

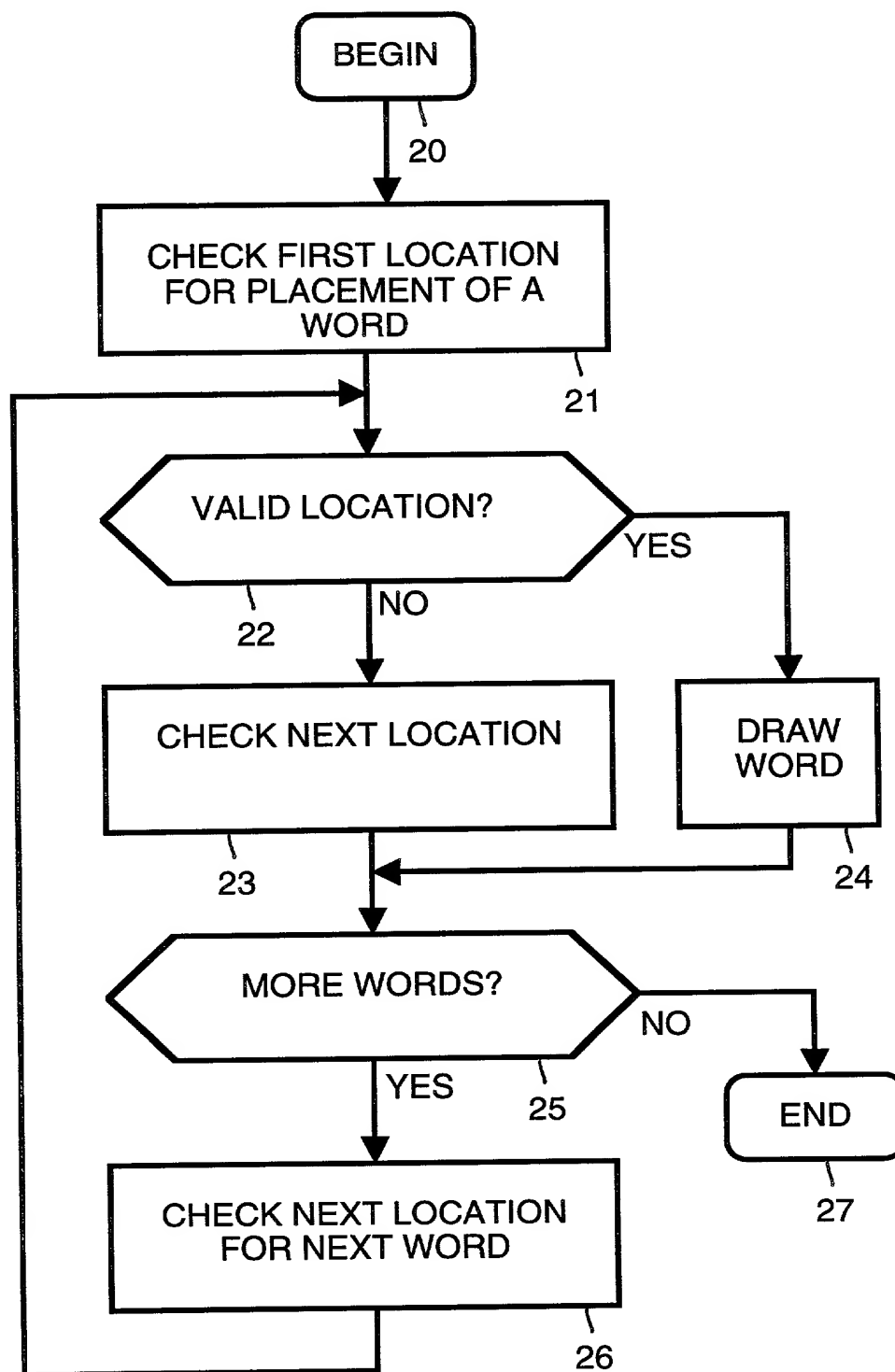


FIGURE 2

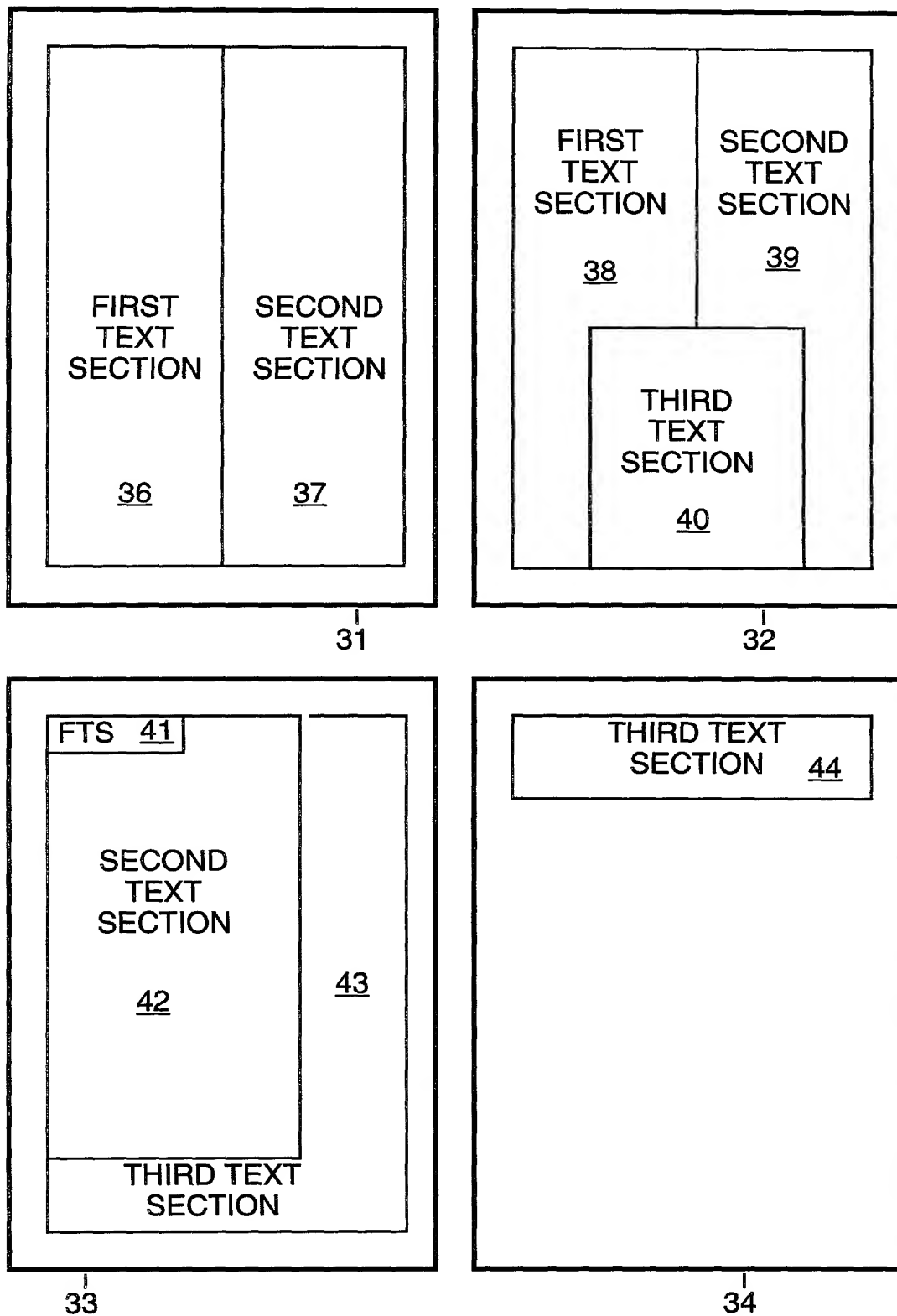


FIGURE 3

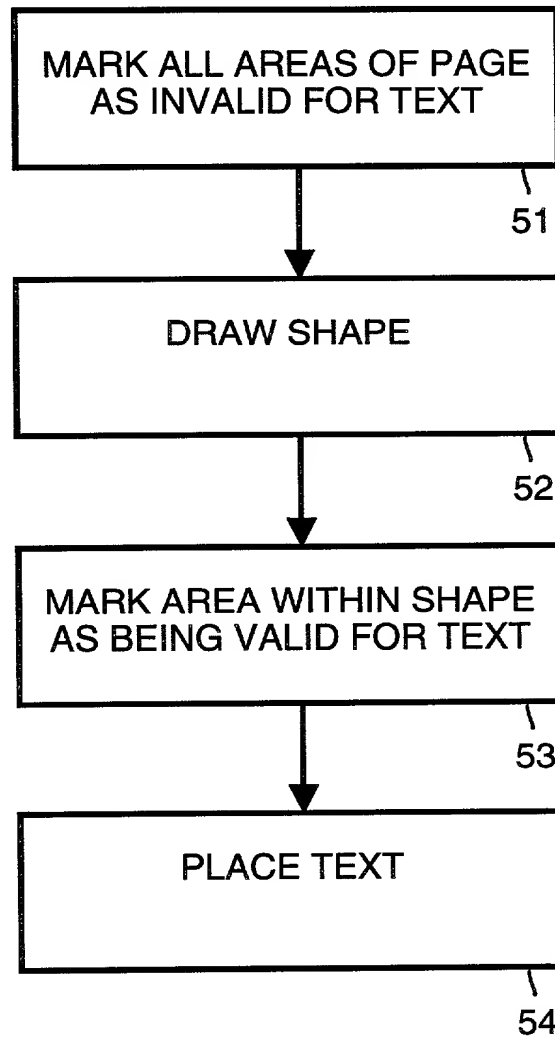


FIGURE 4

1. 1. Name of the person or organization
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1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most algae and higher plants. It is a green pigment that absorbs light energy in the blue-violet and red-orange regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy.

2. *Chlorophyll b* (Chl b) is an accessory pigment found in green algae and higher plants. It absorbs light energy in the blue and orange-yellow regions of the visible spectrum. Chl b transfers the absorbed energy to Chl a, which then uses it for photosynthesis.

3. *Carotenoids* are a group of pigments that include carotenes and xanthophylls. They absorb light energy in the blue and green regions of the visible spectrum. Carotenoids transfer energy to Chl a and also play a role in protecting the photosynthetic apparatus from damage by excess light energy.

4. *Phycobilins* are water-soluble pigments found in cyanobacteria and red algae. They absorb light energy in the blue and green regions of the visible spectrum. Phycobilins transfer energy to Chl a, which then uses it for photosynthesis.

5. *Phaeophytins* are pigments found in brown algae. They are derived from Chl a and absorb light energy in the blue and green regions of the visible spectrum. Phaeophytins transfer energy to Chl a, which then uses it for photosynthesis.

6. *Phaeoerythrins* are pigments found in some brown algae. They are derived from Chl a and absorb light energy in the blue and green regions of the visible spectrum. Phaeoerythrins transfer energy to Chl a, which then uses it for photosynthesis.

7. *Peridinin* is a carotenoid pigment found in dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. Peridinin transfers energy to Chl a, which then uses it for photosynthesis.

8. *Alloxanthin* is a carotenoid pigment found in some dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. Alloxanthin transfers energy to Chl a, which then uses it for photosynthesis.

9. *Diatoxanthin* is a carotenoid pigment found in diatoms. It absorbs light energy in the blue and green regions of the visible spectrum. Diatoxanthin transfers energy to Chl a, which then uses it for photosynthesis.

10. *Diadinoxanthin* is a carotenoid pigment found in diatoms. It absorbs light energy in the blue and green regions of the visible spectrum. Diadinoxanthin transfers energy to Chl a, which then uses it for photosynthesis.

11. *Peridinin-chlorophyll a protein complex* (PCP) is a complex of peridinin and Chl a found in dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. The PCP transfers energy to Chl a, which then uses it for photosynthesis.

12. *Alloperidinin* is a carotenoid pigment found in some dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. Alloperidinin transfers energy to Chl a, which then uses it for photosynthesis.

13. *Alloperidinin-chlorophyll a protein complex* (APCP) is a complex of alloperidinin and Chl a found in some dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. The APCP transfers energy to Chl a, which then uses it for photosynthesis.

14. *Alloperidinin-chlorophyll a protein complex* (APCP) is a complex of alloperidinin and Chl a found in some dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. The APCP transfers energy to Chl a, which then uses it for photosynthesis.

15. *Alloperidinin-chlorophyll a protein complex* (APCP) is a complex of alloperidinin and Chl a found in some dinoflagellates. It absorbs light energy in the blue and green regions of the visible spectrum. The APCP transfers energy to Chl a, which then uses it for photosynthesis.

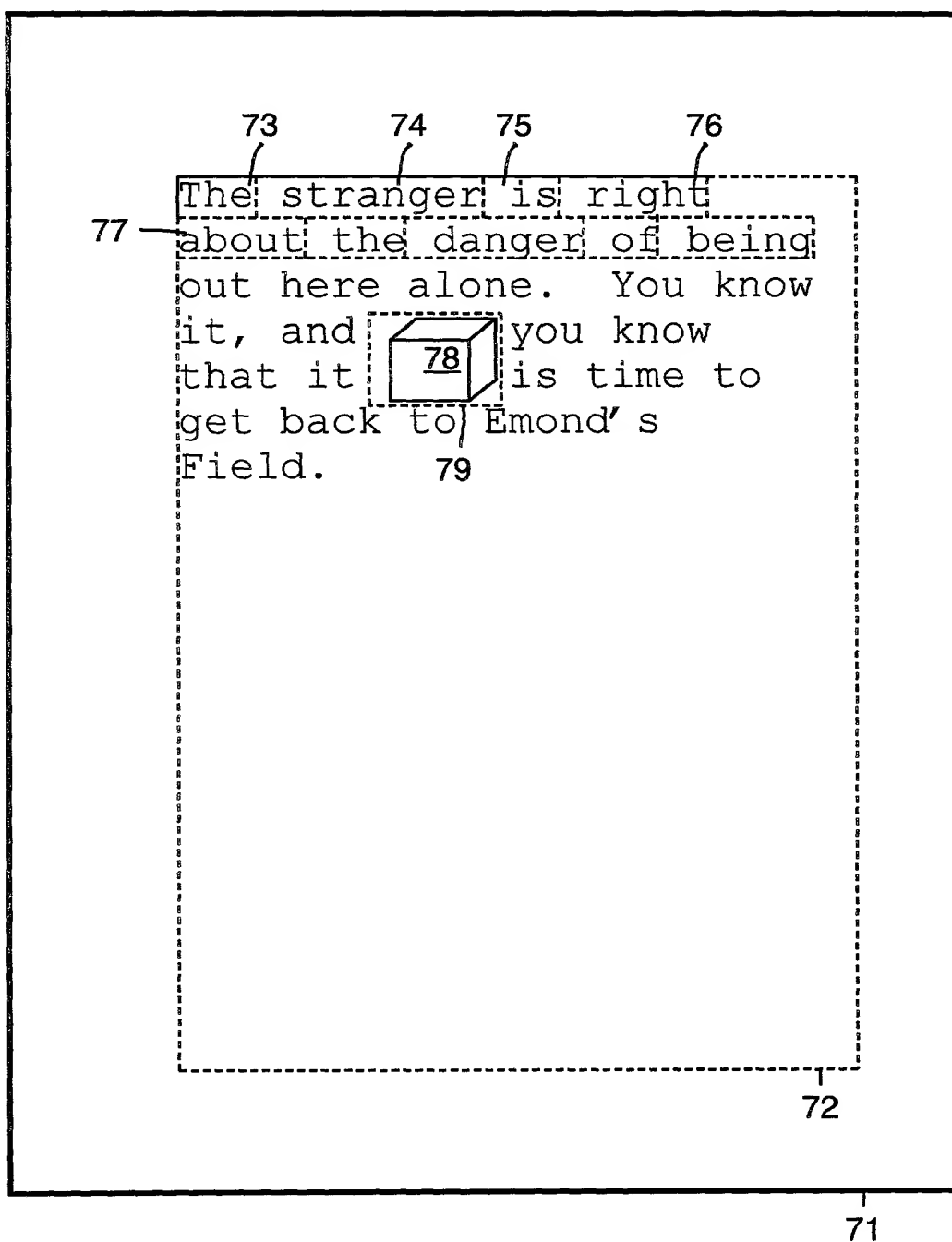


FIGURE 6